

UTILITY ADVISORY BOARD

Thursday, June 19, 2014

8:00 a.m.

**Kentwood City Hall, 4900 Breton Avenue SE
(1st floor conference room, adjacent to Commission Chambers)**

AGENDA

1. Approval of Minutes – May 15, 2014 (attached)
2. Public Comment on Agenda Items
3. 2014 Rate Study Work Program Task Schedule (attached)
4. Great Lakes Restoration Conference – Sponsorship (attached)
5. Contract Awards for May, 2014 (attached)
6. Updates:
 - a. Reminders from last meeting – Summer ATT & Hydrant Billing Options
 - b. 3-1-1 / Customer Information System
 - c. Rate Review Sub-Committee (next meeting 6/27/14)
 - d. Grand Rapids' Advance Investment Plan for Streets (attached)
7. Items from Members
8. Next Meeting – Thursday, July 17 - where?
9. Adjournment

**Utility Advisory Board
May 15, 2014**

1. Call to Order:

The meeting was called to order by Eric DeLong, at 8:00 a.m. at Grand Rapids Water Office, 1900 Oak Industrial Drive, NW.

2. Attendance:

Members Attending:

Tim Bradshaw (alternate)
Scott Conner (alternate)
Eric DeLong
Geri Eye
George Haga
Wayne Jernberg
Pam Ritsema
Ed Robinette
Chuck Schroeder
Breese Stam (alternate)
Joellen Thompson
Ron Woods

Others Attending:

John Allen
Nancy Meyer
Nicole Pasch
Vahn Phanthavong

Members Absent:

Mark DeClercq
Brian Donovan
Mike Lunn
Richard Robertson
Ben Swayze
Cathy VanderMeulen
Toby VanEss
Josh Westgate

Geri Eye introduced Vahn Phanthavong, Financial Analyst in the Utility Finance Office. Ron Woods introduced Caleb Pratt, an Engineering student from the University of Michigan. He is shadowing Ron today to learn.

3. Approval of Minutes:

Motion 14-05: Ron Woods, supported by Ed Robinette, moved to approve the minutes of the April 17, 2014, Utility Advisory Board meeting as presented. Motion carried.

4. Public Comment: There was no public comment.

5. Update on Adding Add-to-Tax (Lien)

Nicole Pasch indicated that adding this amount to the Summer Tax Bills is still optional. She has heard from one community so far and would like to hear from the rest so she knows what they prefer for this. She will need a decision by June 19 on this. She referred members to the timeline provided in the meeting packet and reviewed it briefly. July 1 will be the first time that customers would see this on the tax roll. If this isn't added to a community's roll this summer, it will just be added in the winter as usual, but the Grand Rapids Treasurer would prefer to begin moving these to the summer taxes.

Ed Robinette asked about the difference between Processed Due and Remaining Due. Ms. Pasch explained that the difference in the two numbers is the number that have paid since first being notified of the balance.

Ron Woods asked if the letter was sent certified mail or not. It is not. It is the responsibility of the property owner to keep the Water Business Office informed of any changes in address.

Nicole Pasch noted that often these are final bills where the person has left the property and the new homeowner is left with the past due bill. Eric DeLong asked how many are in this category. She noted that all of these are final accounts where someone moved out or changed information or something.

Geri Eye noted that the Utility Business Office processes 30-40 customer moves every day. Ms. Pasch added that they are starting to ask for copies of titles, etc., but this is still being worked out. We are processing within 7 days now and earlier it was 2 to 3 weeks so we are making progress on this.

6. Hydrant Billing Option

Nicole Pasch reported that a community may elect to pay a hydrant fee. Two communities have opted in the past to contribute toward the hydrant fee. An example of the amounts that would be charged were provided. She will be providing information to communities on the number of hydrants in their community. This cost is charged to the revenue requirement if the community does not opt to pay it separately. Ms. Pasch needs to be notified by June 30 if a community wishes to do this.

Geri Eye distributed some information from the Rate Study related to this. Task 26 in the Water Rate Study (page W52) shows the annual hydrant charge. Hydrant fees are non-integrated charges so any contributions would go directly to your community.

Ron Woods noted that there is a provision in their ordinance about hydrants, but they haven't gone to this level of developing an exact cost for each hydrant. How do we track the number of hydrants out there and how is the rate set? He also wonders why we are still doing this. Eric DeLong indicated that this is because it's included in the contract currently. Geri Eye noted that we have costs for taking care of hydrants that we could just lump into the operating costs, but we have pulled them out separately.

Staff track the number of hydrants and a cost analysis is done. Wayne Jernberg reported that the base fee is the cost for an 8” lateral. The laterals going to the hydrants are 6” so he’s not sure why, but there is maintenance to the hydrants that add costs. They are currently working to develop better metrics on the actual costs for this.

Ron Woods noted that some of that maintenance was sometimes done by the Fire Departments in the past. Kentwood took it back to the Water Department to ensure better maintenance of the hydrants. The Fire Department still lends assistance, but Water is ultimately responsible.

Geri Eye said the reason is that it really is just in O&M but the contract expressly put in an option to pull the hydrant fee out to buy down the rates. There are actually two ways to buy down the rates—a direct check sent in or paying for the hydrant fees. Eric DeLong added that this was probably in the rate study from day one and may have been brought forward from the previous contracts. He will ask Dick Wendt what he recalls on this item and maybe the Rate Review Committee can take a look at this and whether we need to continue this option.

7. ACSET ICB Report

Nicole Pasch noted that 54 households have been served this year. Primarily it is Grand Rapids residents that have been served to date. We used less money this year compared to last year at this time. She noted that the Attorney’s office has advised us to just start working on the new contract to be effective at the start of next year rather than amending the current contract to add the eligibility changes.

Eric DeLong indicated that we need to touch base with a few people before changes happen—the ACSET Board, the City Commission and the UAB.

Geri Eye reported that ACSET has indicated they will work with us to develop information on this benefit to make people more aware of its availability and what the eligibility requirements are.

Eric DeLong noted that we are now tracking repeat households which is interesting. It looks like about 50% are repeat customers now. This sort of validates considering making the change to add a waiting period before people can receive services again.

8. Quarterly Reporting

Operational Graphs (3rd Quarter FY14)

Geri Eye referred members to the information provided in the packet and reviewed the graphs. She noted that we definitely have adequate capacity to add sewer customers, and on the Water side we have even more capacity. There are peak loads that take away some of the capacity so that needs to be kept in mind.

Ron Woods asked about the average amounts. He noted that the treated average is going down while volume of sewage flow is going up. The cost per gallon goes up due

to this. Geri Eye indicated that this is true in Water yet the rates went down due to the operational efficiencies that have been put in place. Joellen Thompson noted that the averages may be a little skewed due to a drier year. Eric DeLong noted that work has been done to eliminate inflow and infiltration (I&I) which should decrease our flows. Ron Woods added that there are more low water usage items available to homeowners now.

Ms. Eye referred to the amount billed to date for both Water and Sewer. The important thing is what is falling off from the flow as compared to what is coming on. She plans to capture this on the graphs in the future.

Financial Reports (3rd Quarter FY14)

Geri Eye referred members to the financial reports provided in the meeting packet. Sewer expenses are about 1% higher than last year at this time. Water expenses are about 1% lower than last year at this time.

9. Contact Awards

Breese noted that the one award made is non-integrated work in Grand Rapids.

10. Updates

3-1-1 / Customer Information System

Pam Ritsema – nothing new to report at this time.

Rate Review Sub-Committee

Eric deLong reported that the sub-committee met again and will meet on May 30. They are still focusing on what we can do about the cost of connections. We found at the last meeting that our costs may not be as high as we thought so we need to see what we need to include or not. We spent time talking to Kent County Health Department officials regarding water wells and septic. Kent County would like for us to have less of a perceived difference between the cost because of the maintenance costs that people don't take into consideration when making their decisions.

Sustainable Asset Management and Capital Investments

Eric DeLong indicated that he wanted to provide information on where the City is going and the impact on Water and Sewer. We have worked on transformation over the last four years, going into our fifth year now. We have cut costs significantly, both personnel and operational costs. Water and Sewer utilities have done the same thing and are working on more operational savings. We have created Transformational Savings now that we will be able to invest in other things.

Phase II is now making sure that our assets are also sustainable. There was a millage passed for Parks last fall that will take care of the investments needed there. The items in Public don't have a rate base and never will so savings will be invested here to take care of those items. There was an income tax continuation initiative passed on May 6 for streets and sidewalks. Taking care of these assets has meaning for this group

because there will be more water and sewer work coming as part of the street work to be done. Staff are working on the plan for how this work will roll out now. There is a lot of coordination that has to happen to make this work.

Phase III is about continually improving and never going back to the way things were. We plan to continue to make significant progress going forward.

11. Items from Members

Pam Ritsema reported that a Utility Superintendent position will be re-posted soon. She asked for members to think if there is anyone they know that may be interested in applying.

Chuck Schroeder reported that Caledonia Township is still in the design phase for bringing flow through Gaines Township. They are further behind than he expected. He is expecting them to be ready by about September possibly.

Chuck Schroeder noted that there are lots of easements around the system that we don't have in our GIS. It seems that there are several in Kentwood especially. Staff will be working to get this information updated. Ron Woods noted that some of them may be in their GIS layer and could be brought forward to this, but there will be others that probably aren't as available.

Chuck Schroeder noted that there are times that people want to put up fences along our easements, and he gets those questions. He is trying to formalize a process or procedure for how these are handled. Walker and Kentwood have some policies that could inform this work. Right now the easements are written that you can't put a permanent structure on the easement. Scott Connors noted that we will need some definitions so all communities interpret this the same way.

The Utility Business Office is moving to the Oak Industrial Drive location soon. There are some new staff beginning also. This shouldn't impact customers since they are now going to City Hall/311. Joellen Thompson noted that this change impacts this group since we are very limited on parking for the time being. We are working to expand that space.

Joellen Thompson reported that they are moving forward on the shared services with water and sewer so there will be some changes coming there.

10. Next Meeting

The next meeting of the Utility Advisory Board is scheduled for Thursday, June 19 and will be held at the City of Kentwood. Ron will find a room and let Nancy know.

11. Adjournment

The meeting was then adjourned.

City of Grand Rapids, Michigan
Work Program Task Schedule for 2014 Annual Water/Sewer Rate Study

Task	Description	Due Date	Responsible
1	Report inventory system additions and abandonments during FY14 in each retail service area	07/11/14	Postma
2	Report cost of inventory system additions and abandonments during FY14 in each retail service area	07/11/14	Postma
3	Report funding source of inventory system additions during FY14 in each retail service area	07/11/14	Postma
4	Accumulate operating costs for FY14 by organization	09/12/14	Eye
4	Report energy costs by pumping station for FY14	09/12/14	Roerig
4	Report operations and maintenance costs by pumping station for FY14	09/12/14	Lunn
5	Determine and make known adjustments to FY14 operating costs, including adjustments for GVRBA & Cayenta Utilities CIS	09/30/14	Saindon/Thompson/Lunn/Eye
6	Determine volumes and revenues by customer community for FY14, including adjustments for volume, revenue, and customer base	09/19/14	Eye
6	Report estimated lift station flows for FY14	07/31/14	Lunn
7	Determine other operating revenues for FY14	09/19/14	Eye
7	Determine estimated Individual Circuit Breaker (ICB) funding credit available from previous year	09/19/14	Eye
8	Determine changes in operating levels to take effect by calendar year end and adjust operating costs accordingly	09/12/14	Thompson/Lunn
9	Determine changes in operating revenues to take effect by calendar year end and adjust operating revenues accordingly	09/19/14	Thompson/Lunn
10	Determine major system additions and abandonments to be in service by calendar year end	10/10/14	Postma/Schroeder/Jernberg
11	Accumulate fixed assets, accumulated depreciation, and depreciation expense by classification for FY14	09/02/14	Lueders/Eye
12	Determine working capital needs for materials and supplies, prepayment of operating costs, and operating costs	09/12/14	Eye
13	Review joint use facilities and zonegated water/service mains, update length/cost factors for usage changes, and make appropriate annual adjustments	09/02/14	Jernberg/Schroeder
13	Report wastewater flow and overflow data	07/31/14	Lunn
13	Prepare wastewater I/I and flow apportionment schedule	08/29/14	Eye
14	Update zonegating maps	08/15/14	Jernberg/Schroeder
15	Compute construction cost rate base (depreciated plant and system, plus working capital, less amortized contributions)	10/17/14	Eye
15a	Calculate CPI percent increase, set new integrated connection fees, and prepare integrated connection fee schedules	09/05/14	Eye
16	Provide updated project cost estimates of significant budgeted non-integrated system improvements anticipated to be in service after calendar year end	10/10/14	Jernberg/Schroeder
16	Determine CSO debt service revenue requirements for continued funding of the CSO Master Plan capital costs according to the series of calculations developed in the 1992 Sewer Rate Study	08/29/14	Eye
17	Update senior debt service schedule for bonds and other long-term debt outstanding at fiscal year end and compile annual interest cost thereon	08/29/14	Eye
18	Determine system equity in construction cost rate base by subtracting outstanding debt from total construction cost rate base	10/17/14	Eye

Task	Description	Due Date	Responsible
19	Calculate 52-week average bond buyer's index of municipal bonds for the previous twelve month period ending 09/30/14 and set rate of return on system equity (must use data through at least August 31)	09/30/14	Eye
20	Determine return on investment (\$) and calculate composite rate of return (%) on construction cost rate base	10/17/14	Eye
21	Assign each rate base item by customer community and compute rate of return on rate base by customer community	10/17/14	Eye
22	Assign each operating cost item and allocate overhead to each customer community	10/17/14	Eye
23	Assign other operating revenues to each customer community	09/19/14	Eye
24	Assign depreciation expense to each customer community	10/17/14	Eye
25	Accumulate initial revenue requirements by customer community, without application of circuit breaker	10/24/14	Eye
25	Adjust revenue requirements for application of circuit breaker, if applicable	10/24/14	Eye
25a	Review the revenue requirements to assure compliance with master bond ordinance provisions	10/31/14	Eye
26	Determine initial revenue requirements and the increase/decrease in revenue levels for each customer community	10/24/14	Eye
26	Adjust revenue requirements for application of circuit breaker, if applicable	10/24/14	Eye
27	Determine initial rate schedule for each customer community, including monthly fire service charge	10/24/14	Eye
27	Adjust rate schedule for application of circuit breaker, if applicable	10/24/14	Eye
28	Review construction costs and set new front foot charges	09/02/14	DeVries
29	Review construction costs and set new water service charges and sewer lateral charges	09/02/14	DeVries
30	Evaluate and set miscellaneous rates and charges within the Water System Rules & Regulations	09/12/14	Pasch/Jernberg
30	Review WWTP allocation of FY14 operating costs by major cost center and cost component allocations for high-strength wastewater surcharges	09/12/14	Anderson/Lunn
30	Set sewage disposal system surcharges for BOD, TSS, phosphorus, and ammonia.	10/24/14	Eye
31	Determine permit, analytical, and laboratory fees for Industrial Pretreatment Program (IPP) permit holders	09/12/14	Anderson/Lunn
32	Determine water main and service main oversizing costs	09/02/14	Jernberg/Schroeder
33	Update USD area sizes/maps for additions, reductions, and/or new communities (signed & dated)	09/12/14	Meyer
34	Determine penalty fee value for circuit breaker [individual circuit breaker (ICB) and City and Customer Community Circuit Breaker (CCCCB)]	09/12/14	Eye
35	Determine footing drain disconnect (FDD) opt-out charge	11/07/14	Lunn
36	Present preliminary rate study to customer communities (beginning of 30 day comment period)	11/13/14	Eye/DeLong
37	Present proposed rate ordinances to City Commission	11/18/14	DeLong/Eye
38	Hold public hearing on proposed rates and fees to be effective in 2015	12/02/14	DeLong/Eye
39	Adopt final rate ordinances for Grand Rapids rates and fees to be effective in 2015	12/16/14	DeLong/Eye
40	Approve resolution for customer community rates and fees to be effective in 2015	12/16/14	DeLong/Eye
41	Notify customer communities of City Commission's approval of rates and fees to be effective in 2015	12/26/14	O'Neal/Scheneman

MEMORANDUM

CITY OF GRAND RAPIDS

DATE: June 9, 2014
TO: UAB Members
FROM: Eric DeLong,
Deputy City Manager
SUBJECT: **Consideration of Supporting the 2014 Healing Our Waters Conference**

The Healing Our Waters – Great Lakes Coalition will hold their 10th Annual Great Lakes Restoration Conference September 9-11, 2014, in Grand Rapids, Michigan. A feature of the 2014 conference will be a Tribute Luncheon that will celebrate the work of Peter Wege.

Each year, Healing Our Waters – Great Lakes Coalition brings together a diverse group of more than 400 people from throughout the Great Lakes region to attend the Great Lakes Restoration Conference. The conference provides a 3-day forum for participants to learn about important Great Lakes Restoration issues, network at the largest annual gathering of Great Lakes supporters and activists, and develop strategies to advance federal, regional and local restoration goals.

Conference highlights include:

- Presentations from groups around the region covering a broad range of topics – from Great Lakes policy and science to grassroots projects and innovative success stories.
- Five exciting Field trips in the Grand Rapids area
- Tribute honoring Peter Wege, the Grand Rapids business leader, philanthropist, and environmentalist whose vision and generosity has been instrumental in advancing Great Lakes restoration and protection

The Utility Advisory Board Partners have collectively invested hundreds of millions of dollars to improve water quality in the Grand River Watershed and the Great Lakes Basin. Those investments have produced significant outcomes. The water quality of the Grand River and its tributaries has been improved through our collective impact.

Our region is the host for the 10th Annual Great Lakes Restoration Conference which provides the UAB an opportunity to engage and to in turn invest in the work of the Healing Our Waters Coalition. The Coalition has provided strong educational leadership in Great Lakes issues and has been helpful in Washington DC, especially in the areas of the Great Lakes Restoration Initiative and State Revolving Loan Fund reauthorization. There are several sponsorship levels to consider and each level confers benefits to the sponsoring organization, including access to educational programs of the conference for employees and members of the sponsoring organization. A listing of sponsorship levels and benefits is attached.

It is recommended that the UAB consider endorsing sponsorship at the level of \$5,000, to be divided equally between the Water and Sewer Funds. The UAB will be recognized and members will be offered opportunities to participate in the conference.
























































ERD/ab

attachment

10TH ANNUAL GREAT LAKES RESTORATION CONFERENCE

SPONSORSHIP OPPORTUNITIES AND BENEFITS

BENEFITS

	LAKE SUPERIOR LEVEL \$25,000 and above	LAKE MICHIGAN LEVEL \$10,000 to \$24,999	LAKE HURON LEVEL \$5,000 to \$9,999	LAKE ONTARIO LEVEL \$2,500 to \$4,999	LAKE ERIE LEVEL \$1,000 to \$2,499	GRAND RIVER LEVEL \$500 to \$999	PLASTER CREEK LEVEL \$250 to \$499
Featured speaking opportunity addressing all participants during the conference							
Company/Foundation banner, produced by HOW, prominently displayed at reception							
Logo and company name on storyboards on tables at the Tribute Luncheon							
Discounted HOW registration	 6 Partner rate (\$100 discount)	 4 Partner rate (\$100 discount)					
Reserved seating for conference meals at special VIP table							
Complimentary registration to conference	 3 registrations	 2 registrations	 1 registration				
Company recognized on banner displayed throughout conference	 Logo	 Logo	 Logo	 Logo	 Name	 Name on sponsorship banner	 Name on sponsorship banner
Tickets to the Peter Wege Tribute Luncheon	 One table (10 seats) reserved	 One table (10 seats) reserved	 One table (10 seats) reserved	 Half table (5 seats) reserved	 4 tickets	 2 tickets	 2 tickets
Company prominently recognized in all conference materials	 Logo and website	 Logo and website	 Logo and website	 Logo and website	 Logo and website	 Name	 Name
Complimentary exhibitor space	 Full-table	 Full-table	 Full-table	 Full-table	 Full-table	 Full-table	 Half-table
Company logo and listing with hyperlink from site							
Featured in conference program book	 Full-page color ad on front inside cover	 Full-page color ad	 Full-page B/W ad	 Half-page B/W ad	 Quarter-page B/W ad	 Eighth-page B/W ad	 Eighth-page B/W ad

For additional information, please contact Martha Borie Wood at 312.239.3202 or martha@healthylakes.org.

**Water/Sewer UAB Report
May 2014**

Project Name	Contractor	Award Date	Substantial Completion Date	Final Completion Date	Water Fund Authorized NTE Amt	Sewer Fund Authorized NTE Amt	Est. Year for Rates	Integrated (Y/N)
Sanitary Sewer Improvements in Fuller Ave. and Sanitary Sewer in Race St.	Lodestar Construction Co.	5/13/2014	6/19/2014	7/27/2014	\$0.00	\$264,500.00	2015	Non-Integrated

Vital Streets

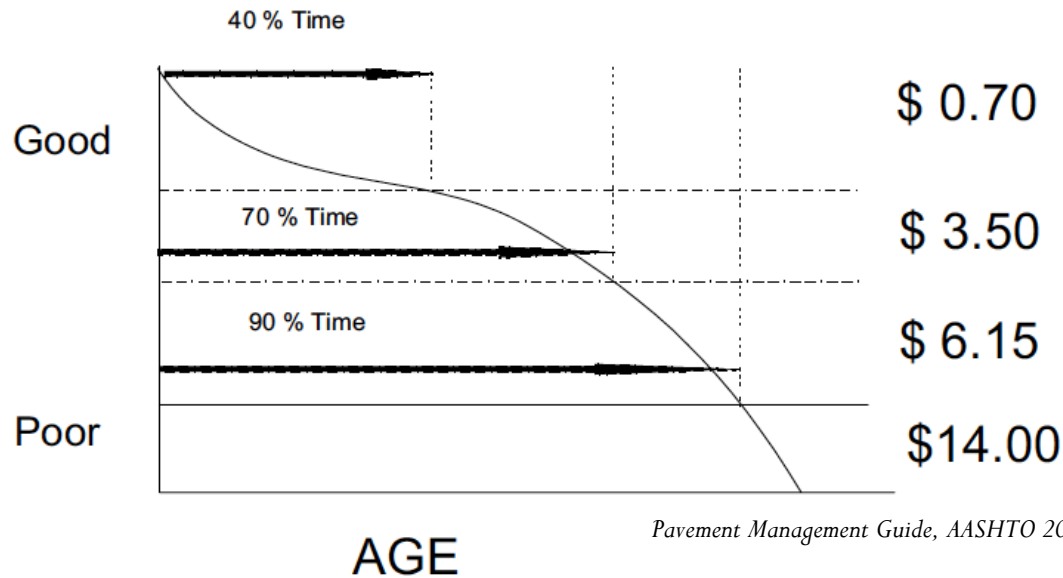
Advance Investment Plan for Streets

Presented June 3, 2014

Investment Criteria

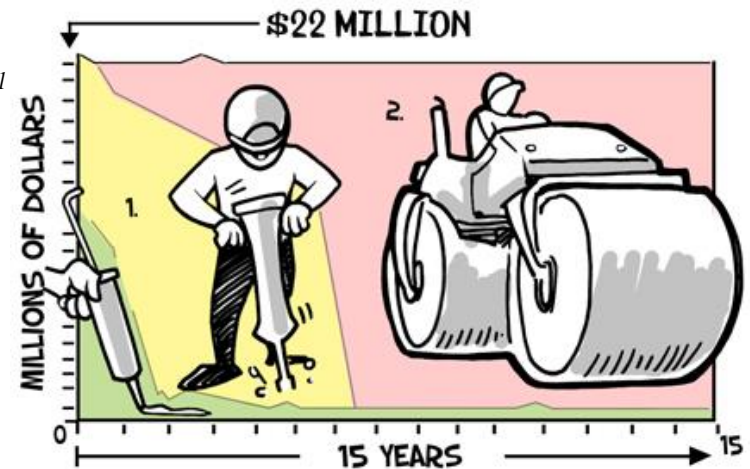
- **Guideline #11: The City will consider asset management, balance and distribution, outcomes from engagement, maintaining access, completion of safe walking and bicycle routes and coordination with other projects when making annual investments in order to ensure conditions improve in all areas of the City.**
- **Emergency Services**
- **Bus Routes**
- **Bike Routes**
- **Low Impact Development Opportunities**
- **Connectivity/Continuity**
- **Leverage Other Funding (DDA/Private/Water/Sewer/Others)**
- **Area Specific Plan Investment**
- **Delivery Time/Constraints/Readiness**
- **Asset Management Plan**
- **Average Daily Traffic – Other Traffic Factors**
- **Employment Centers**
- **Schools**
- **Engagement (Level Required)[I – Info; II – Reconstruction]**

Degradation Curve



Pavement Management Guide, AASHTO 2001

HOW THE RESOURCES WILL BE UTILIZED



1. START WITH HIGH LEVELS OF PREVENTATIVE MAINTENANCE AND REHAB TO KEEP STREETS FROM GETTING WORSE
2. WE'LL THEN TURN TO RECONSTRUCTING STREETS THAT CANNOT BE SAVED
3. RELIEVE PROPERTY OWNERS OF SIDEWALK REPAIR RESPONSIBILITY

Value

- Intersection of strong financial management with an aggressive Asset Management Plan will provide best value investment in streets.
 - Advancing investment now prevents further deterioration of streets
 - Interest costs are at historic lows
 - Each season we wait, costs accelerate down the degradation curve

How

- 2014 Advance Investment
- Work the Asset Management Plan
- Timing: Get Started this Summer

2014 Construction Season . . .
...2015 Early Season

Notice of Intent: Framework

- Current municipal bond interest rates with 3-year notes yielding 1% or less.
- Advancing certain streets and sidewalks capital projects with debt issued at the currently low interest rates will save the City money compared to delaying implementation until the income tax revenues begin to flow in third quarter 2015.
- The initial issuance is projected to be around \$17 million.
- This Notice of Intent is proposed to be published in an amount of up to \$50 million
- It is likely that streets/sidewalks improvements will be financed via a series of short-term bonds or notes over the life of the 15-year plan
- Total principal amount of the multiple series is not expected to exceed \$50 million.

Notice of Intent: Why Multiple Bond Issues?

**Additional bond
issues may be
needed**

- Cash flow
- Accelerate reconstruction
- Match construction season to fiscal year
- Achieve best value
- Advance design and delivery

Notice of Intent: Planned Uses

The City has determined to construct, reconstruct, repair and rehabilitate various public streets, roads, sidewalks and adjacent or related public rights-of-way, property or easements consisting of:

- bituminous crack and joint sealing, cape-sealing, chip-sealing and other bituminous treatment best industry practices;
- concrete crack and joint sealing, white-topping repair, partial depth and full depth concrete repairs, joint repairs and other concrete best industry practices;
- improvements to prevent intrusion of water or mechanisms for accelerated pavement deterioration including replacement of portions of pavement, curb and gutter and driveways, replacement or adjustment of storm water catch basins, storm and sanitary rim and castings, water main valve boxes, trench repairs, sidewalk, barrier free accessible curb cuts and other penetrations and curb cuts;
- full street reconstruction;
- pavement striping including bicycle lanes;
- sidewalk improvements including connectivity and extension of sidewalk, sidewalk intersection crossings;
- associated signals, signage and other vital street improvements, including street lighting;
- low impact development
- tree canopies;
- and other street, safety or transportation improvements

for the benefit of the City and to finance all or a portion of the costs of such Public Improvements by the issuance of one or more series of capital improvement bonds (the "Bonds") pursuant to Act 34 of the Public Acts of Michigan of 2001, as amended, MCL 141.2101 et seq. ("Act 34")

2014 Bond Issue Uses ~\$17M

• Major Non-FAU Streets Preventative Maintenance and Rehabilitation	\$ 5,600,000
• FAU (Principal Arterial) Streets Preventative Maintenance and Rehabilitation	\$ 5,800,000
• Additional Concrete Street – Preventative Maintenance and Repair	\$ 1,560,000
• Local Streets Preventative Maintenance	\$ 1,909,428
• Local Match for FY2015 STPU Projects	\$ 1,430,572
• Kalamazoo Avenue – Burton Street to Hall Street (\$390,000)	
• Fuller Avenue – Leonard Street to Knapp Street (\$360,000)	
• Fulton Street – Woodward Avenue to Lakeside Drive (\$255,572)	
• Pearl Street – Mt. Vernon Avenue to Front Avenue (\$425,000)	
• Sidewalks	<u>\$ 700,000</u>
• Total	\$17,000,000

Major Non-FAU Street Work – Advance Funding 2014/2015

Estimated Cost = \$5,523,783 Centerline Miles = 17.204

Crack Seal

Estimated Cost = \$19,405 Centerline Miles = 3.837

- Commerce Avenue SW – Cherry Street to Fulton Street (0.244)
- Campau Avenue NW – Monroe Avenue to Pearl Street (0.171)
- LaGrave Avenue SE – Wealthy Street to Goodrich Street (0.072)
- Sheldon Avenue SE – Highland Street to Delaware Street (0.154)
- Logan Street SE – Diamond Avenue to Barth Avenue (0.124)
- Sheldon Avenue SE – Haifley Place to Buckley Street (0.146)
- Sheldon Avenue SE – Buckley Street to Wealthy Street (0.195)
- Sheldon Avenue SE – Delaware Street to Sycamore Street (0.284)
- Logan Street SW – Grandville Avenue to Century Avenue (0.148)
- Ionia Avenue SW – Stevens Street to Hall Street (0.218)
- Garden Street SE – Division Avenue to Madison Avenue (0.429)
- Buckley Street SE – Ionia Avenue to 70' West of LaGrave Avenue (0.248)
- Logan Street SE – James Avenue to Henry Avenue (0.061)
- Logan Street SE – Benjamin Avenue to Giddings Avenue (0.121)
- Sherman Street SE – Henry Avenue to Eastern Avenue (0.124)
- Sherman Street SE – Eastern Avenue to Giddings Avenue (0.743)
- Straight Avenue NW – Jackson Street to Chatham Street (0.062)
- Crescent Street NE – Ionia Avenue to Division Avenue (0.044)
- Oakwood Avenue NE – Ann Street to Knapp Street (0.249)

Major Non-FAU Street Work – Advance Funding 2014/2015

Estimated Cost = \$5,523,783 Centerline Miles = 17.204

Cape Seal

Estimated Cost = \$67,132

Centerline Miles = 0.993

- 2nd Street NW – Seward Avenue to Turner Avenue (0.193)
- Sherman Street SE – Union Avenue to Henry Avenue (0.125)
- Chamberlain Avenue SE – 32nd Street to Mayberry Street (0.150)
- Lafayette Avenue SE – Franklin Street to Sycamore Street (0.101)
- Logan Street SE – Norwood Avenue to Glenwood Avenue (0.062)
- Bradford Street NE – Fuller Avenue to Benjamin Avenue (0.154)
- College Avenue SE – Franklin Street to Pleasant Street (0.208)

Concrete

Estimated Cost = \$130,000

Centerline Miles = 0.498

- Rumsey Street SW – Godfrey Avenue to Oakland Avenue (0.129)
- Crofton Street SE – Madison Avenue to Union Avenue (0.245)
- Ney Avenue SW – Wealthy Street to Market Street (0.124)

Major Non-FAU Street Work – Advance Funding 2014/2015

Estimated Cost = \$5,523,783 Centerline Miles = 17.204

Rotomill/Resurface 1½”

Estimated Cost = \$2,501,229 Centerline Miles = 6.053

- Towner Avenue SW – Burton Street to Steele Street (0.032)
- Union Avenue SE – Franklin Street to Bates Street (0.61)
- Sherman Street SE – Norwood Avenue to ECL (0.081)
- Division Avenue NE – N. Division Avenue to Michigan Street (0.117)
- Buckley Street SE – 70' West of LaGrave Avenue to Jefferson Avenue (0.075)
- College Avenue SE – Pleasant Street to Wealthy Street (0.289)
- Chamberlain Avenue SE – Mayberry Street to 28th Street (0.376)
- Griggs Street SW/SE– Buchanan Avenue to Madison Avenue (0.686)
- Nelson Avenue SE – Kalamazoo Avenue to Burton Street (0.628)
- Oakdale Street SE – Madison Avenue to Eastern Avenue (0.498)
- Saginaw Road SE – Birchcrest Drive to Woodmeadow Drive (0.28)
- Union Avenue NE – Fountain Street to Lyon Street (0.15)
- Logan Street SE – Fuller Avenue to Benjamin Avenue (0.124)
- Straight Avenue SW – Wealthy Street to Butterworth Avenue (0.215)
- Straight Avenue NW – Lake Michigan Drive to Jackson Street (0.124)
- Straight Avenue NW – Chatham Street to Bridge Street (0.126)
- Sheldon Avenue SE – Sycamore Street to Haifley Place (0.059)
- E. Park Place NE – Fulton Street to Library Place (0.078)
- Birchcrest Drive SE – 28th Street to Saginaw Road (0.37)
- Cottage Grove Street SE – Division Avenue to Jefferson Avenue (0.189)
- Crofton Street SE – Linden Avenue to Eastern Avenue (0.126)
- Dickinson Street SE – Linden Avenue to Eastern Avenue (0.124)
- Linden Avenue SE – Dickinson Street to Cottage Grove Street (0.191)
- Cedar Street NE– Fuller Avenue to Benjamin Avenue (0.155)
- Logan Street SE– Giddings Avenue to Norwood Avenue (0.154)
- LaGrave Avenue SE – Buckley Street to Wealthy Street (0.196)

Major Non-FAU Street Work – Advance Funding 2014/2015

Estimated Cost = \$5,523,783 Centerline Miles = 17.204

Rotomill/Resurface 3”

Estimated Cost = \$2,806,017 Centerline Miles = 5.823

- Cheney Avenue NE – 3 Mile Road to Elmdale Street (0.808)
- Claystone Street SE – Raybrook Avenue to East Beltline (0.157)
- Hall Street SW – Freeman Avenue to Grandville Avenue (0.731)
- Oxford Street SW – Dorchester Avenue to Godfrey Avenue (0.219)
- Lafayette Avenue SE – Pleasant Street to Wealthy Street (0.268)
- Taylor Avenue NE – Caledonia Street to Sweet Street (0.222)
- Glenwood Avenue SE – Sherman Street to Lake Drive (0.199)
- Elmdale Street NE – Cheney Avenue to Lamberton Lake Drive (0.779)
- Sheldon Avenue SE – Hall Street to Highland Street (0.161)
- Sherman Street SE – Giddings Avenue to Norwood Avenue (0.154)
- Library Street NE – Division Avenue to Ransom Avenue (0.101)
- Oakwood Avenue NE – Knapp Street to 3 Mile Road (1.001)
- Leffingwell Avenue NE – Grand Rapids Eastern Railroad Bridge to Oak Industrial Drive (0.153)
- Leffingwell Avenue NE – Michigan Street to Grand Rapids Eastern Railroad Bridge (0.108)
- Collindale Avenue NW – SCL to Lake Michigan Drive (0.502)
- Indiana Avenue SW – Wealthy Street to Butterworth Avenue (0.184)
- Library Plaza NE – Library Street to Fountain Street (0.076)

FAU Street Work – Advance Funding 2014/2015

Estimated Cost = \$5,296,697 Centerline Miles = 10.385

Crack Seal

Estimated Cost = \$10,306 Centerline
Miles = 1.098

- Division Avenue SW / SE – 28th Street to Alger Street (0.496)
- Division Avenue SW / SE – Alger Street to Burton Street (0.494)
- Pearl Street NW – Ionia Avenue to Division Avenue (0.046)
- Pearl Street NW – Ottawa Avenue to Ionia Avenue (0.062)

Cape Seal

Estimated Cost = \$244,365
Centerline Miles = 2.037

- Kalamazoo Avenue SE – 36th Street to 200' North of Shangrai-La Drive (0.817)
- Leonard Street NE – Powers Avenue to Alpine Avenue (0.376)
- Kalamazoo Avenue SE – 42nd Street to 36th Street (0.734)
- Pearl Street NW – West of Campau Avenue to Monroe Avenue (0.110)

FAU Street Work – Advance Funding 2014/2015

Estimated Cost = \$5,296,697 Centerline Miles = 10.385

Rotomill/Resurface 1½”

Estimated Cost = \$2,855,367 Centerline Miles = 4.288

- Kalamazoo Avenue SE – 44th Street to 42nd Street (0.268)
- Leonard Street NE – Hillburn Avenue to Country Club Drive (0.149)
- Leonard Street NW – Oakleigh Avenue to Covell Avenue (0.493)
- Fulton Street SE – Jefferson Avenue to Lafayette Avenue (0.124)
- Michigan Street NE – Eastern Avenue to Fuller Avenue (0.499)
- Michigan Street NE – Barclay Avenue to Lafayette Avenue (0.094)
- Monroe Avenue NW – Fulton Street to Louis Street (0.138)
- Fulton Street NE/SE – Diamond Avenue to Fuller Avenue (0.247)
- Leonard Street NW – White Avenue to Powers Avenue (0.156)
- Leonard Street NW – Walker Avenue to White Avenue (0.463)
- Pearl Street NW – Monroe Avenue to Ottawa Avenue (0.102)
- Bridge Street NW – Lake Michigan Drive to Mt. Mercy Drive and Valley Avenue to Summer Avenue (1.555)

FAU Street Work – Advance Funding 2014/2015

Estimated Cost = \$5,296,697 Centerline Miles = 10.385

Rotomill/Resurface 3”

Estimated Cost = \$2,186,659 Centerline Miles = 2.962

- Alpine Avenue NW— Leonard Street to Richmond Street (0.499)
- Fulton Street NE/SE — Fuller Avenue to Carlton Avenue (0.118)
- Leonard Street NW— Covell Avenue to Walker Avenue (0.494)
- Plainfield Avenue NE — Dean Street to 3 Mile Road (1.352)
- Fulton Street NE/SE — Lake Drive to Diamond Avenue (0.499)

Local Street Work – Advance Funding 2014/2015

Estimated Cost = \$1,909,428 Centerline Miles = TBD

**Will Return to VSOC and City Commission with a plan
next month**

Sources and Uses of Investment 2015

Sources

Taxes – Fifteen Year Income Tax	\$ 0
Major-Local Street Fund Transfer (\$500,000 Capital; \$200,000 O & M)	700,000
Grants	5,178,461
General Operating Fund Transfer	0
Downtown Development Authority	1,281,000
New State Investment	TBD
Special State Investment	TBD
Advance Investment	17,000,000
Water/Sewer Fund Investment	<u>7,436,346</u>
	\$ 31,595,807

Investments

Unplanned Maintenance (Triage)

Adjust Castings	\$ REBID
Trench Repairs	200,000
Wedging/Encapsulating	200,000

Preventative Maintenance

Concrete Repairs	1,560,000
Cape Seal	619,818
Crack Sealing	34,505
Spray Patching	29,481

Rehabilitation (Non-Grant)	12,001,196
Reconstruction (Non-Grant)	0
STPU/LBP Grants Projects (Rehabilitation)	2,529,761
STPU/LBP Grants Projects (Reconstruction)	11,342,046
STPU/LBP Grants Projects (Prev. Maint.)	220,000
Safety/CMAQ Grants Projects	1,774,000
Special State Projects	TBD
Trunkline – Act 51 Local Share	0
Traffic Signal Investment	215,000
Bridges	0
Sidewalks	700,000
Repayment of FY2015 Advance Investment	<u>170,000</u>

\$31,595,807